



Vickie Southwick <vickiesouthwick@utah.gov>

Proposed Boundary and Bond Cost Spreadsheet S/49/0088

5 messages

April Abate <aprilabate@utah.gov>

Wed, Mar 4, 2015 at 10:44 AM

To: stevec@skmaterials.com

Cc: Vickie Southwick <vickiesouthwick@utah.gov>

Hi Steve,

Here is the map I created showing the new permit boundary in red. It comes out to just shy of 9 acres. I have also attached my bond calculation spreadsheet showing the new bond costs based on a 9-acre site. I have given credit for the one acre you already have bonded and a \$2145 credit for the original acre in reclamation. I neglected to quote you the escalation costs for either a 3-year or 5-year bond. Those are shown at the bottom of the spreadsheet. Either of those numbers are the one you want to give your bonding company when you ask for a "rider" to your existing bond.

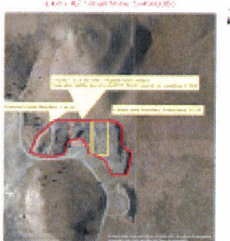
Thanks Steve. Call me with any questions or concerns.

Best regards,

April

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April A. Abate
Environmental Scientist III
Utah Division of Oil, Gas, & Mining
O: 801-538-5214
M: 801-232-1339
Hours M-Th 7-5

2 attachments

2015_Ekins 2.jpg
403K

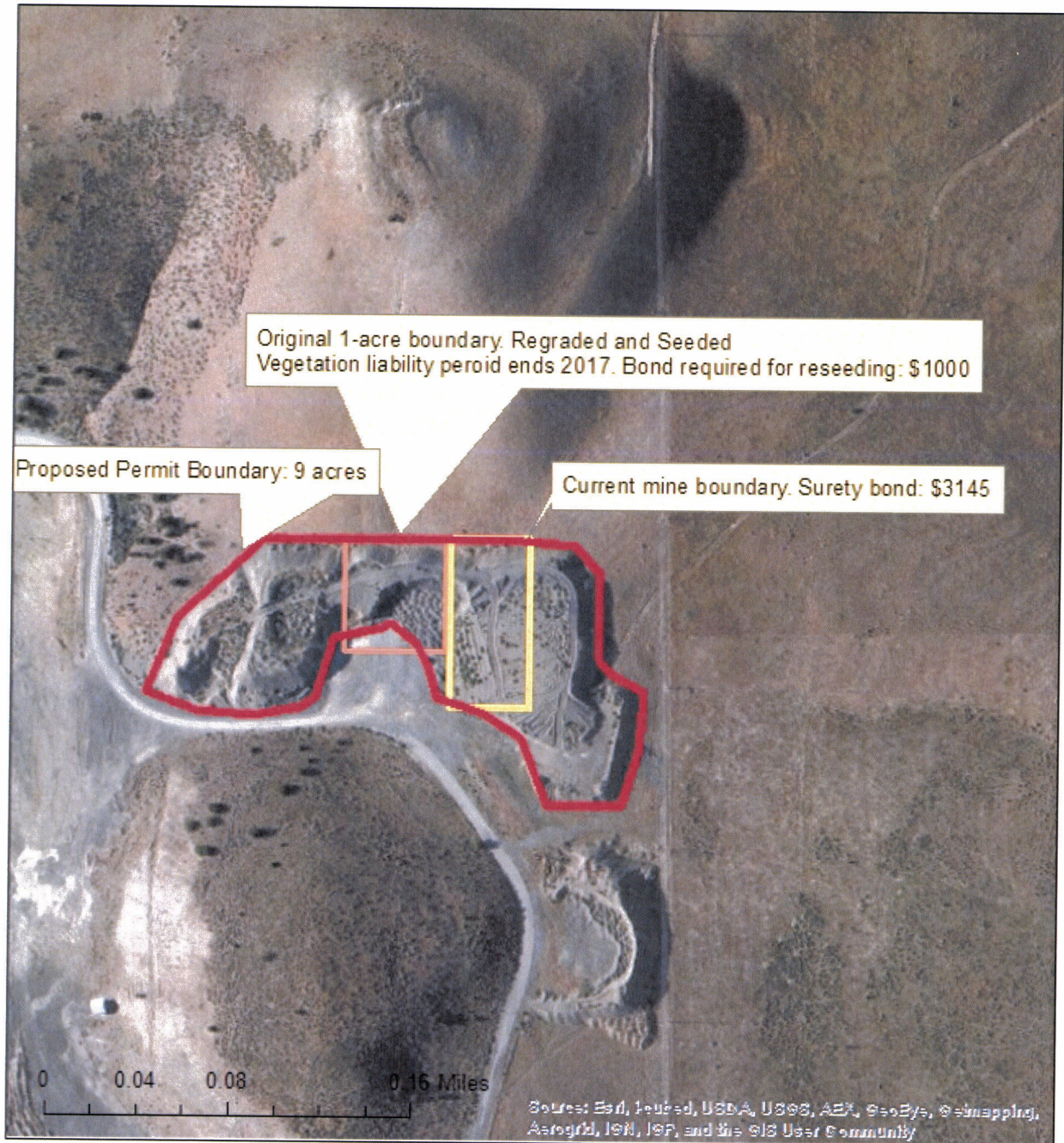


SMOBondCalc2015.xls
51K

Vickie Southwick <vickiesouthwick@utah.gov>

Wed, Mar 4, 2015 at 10:44 AM

To: aprilabate@utah.gov



| Small Mine Operation Bond Calculation Worksheet S/049/0088 | | | | |
|--|--------|--------------|------------|--------------------|
| 3-year escalation (2017) | | | | |
| Item | Qty | Unit Cost | | Total Cost |
| Tractor and Harrow | 1 | \$544.00 | round trip | \$544.00 |
| Equipment Rental | 1 | \$555.50 | daily | \$555.50 |
| Labor | 2 | \$74.15 | hours | \$148.30 |
| Seeding | 1 | \$74.15 | hours | \$74.15 |
| Seed mix | 1 | \$100.00 | unit | \$100.00 |
| Fertilizer | 1 | \$50.00 | pelt | \$50.00 |
| Compost | 1 | \$810.00 | 30 yards | \$810.00 |
| Compost Trucking | 1 | \$300.00 | daily | \$300.00 |
| SUB TOTAL | | | | \$2,581.95 |
| Indirect costs 21.8% | 0.2180 | \$2,581.00 | | \$562.66 |
| Per Acre TOTAL | | | | \$3,144.61 |
| Proposed Acres | 9 | \$3,145.00 | | \$28,305.00 |
| Existing bond | 1.0000 | (\$3,145.00) | | (\$3,145.00) |
| Reclaimed 1 acre | 1.0000 | (\$2,145.00) | | (\$2,145.00) |
| Grand TOTAL BOND REQUIRED | | | | \$23,015.00 |

This project is for the removal and previously mined and stockpiled materials. Reclamation will consist of adding 10 ton/acre of composted manure or biosolids, ripping to eliminate compaction and prepare seedbed, and seeding.

Operator Estimates provided
Labor and Equipment rates are based on R.S. Means index

| | | | | |
|-------------------|--------------------|--------------------|----------|------------|
| Escalation Factor | 1.20% | | | |
| | 3-year bond | \$23,843.54 | \$276.18 | \$828.54 |
| | 5-year bond | \$24,395.90 | | \$1,380.90 |